

Fig. 1

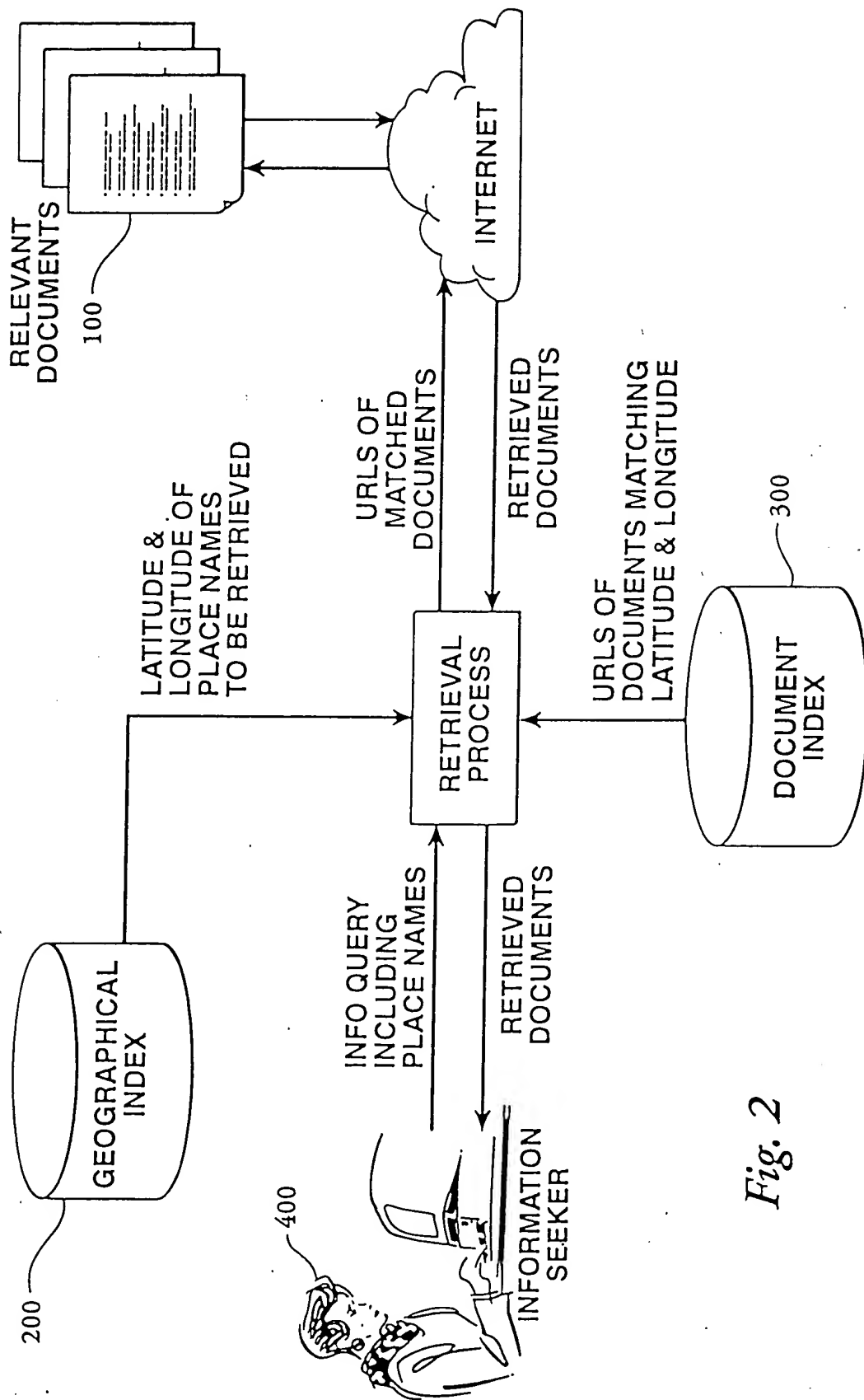


Fig. 2

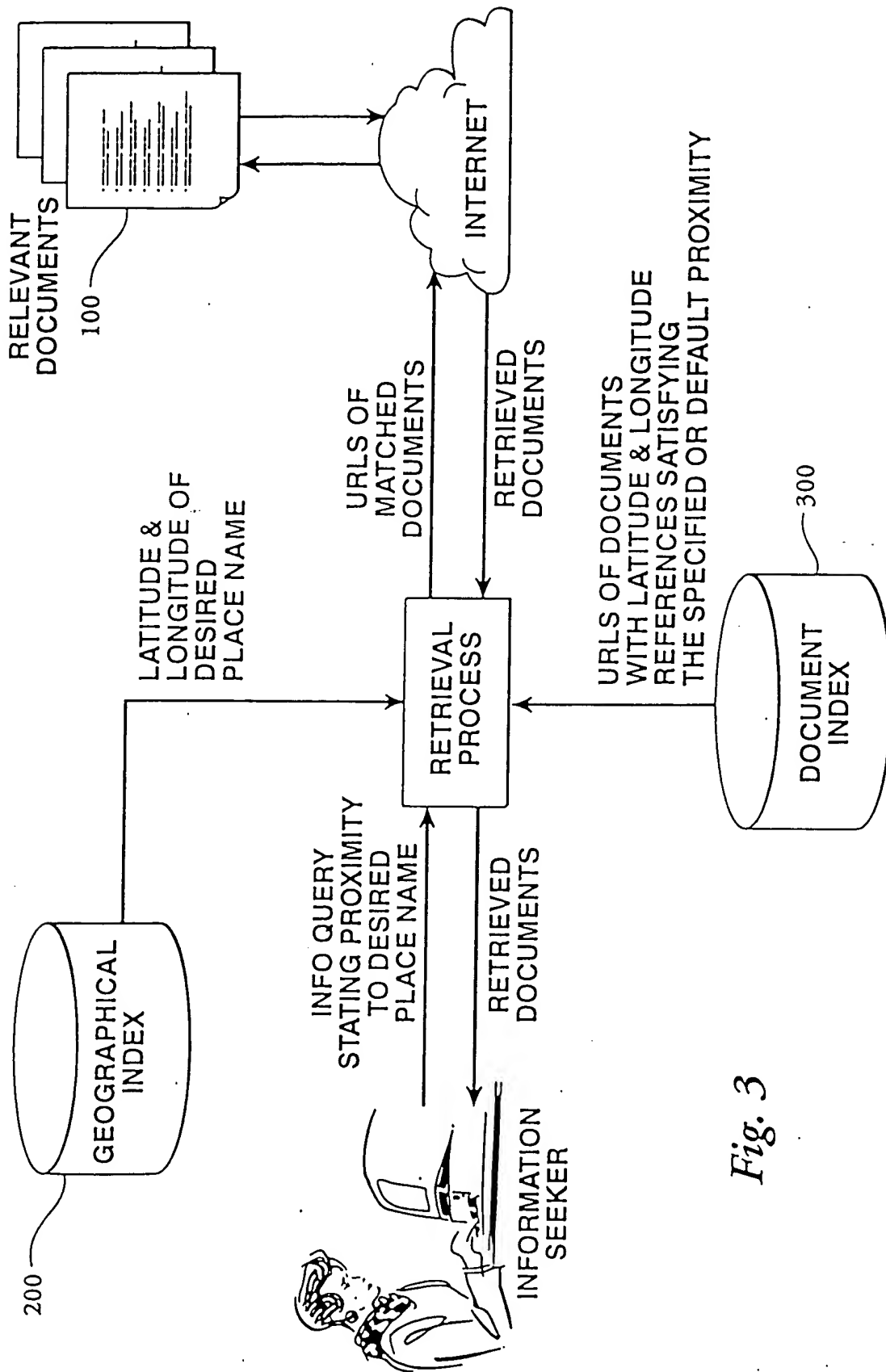
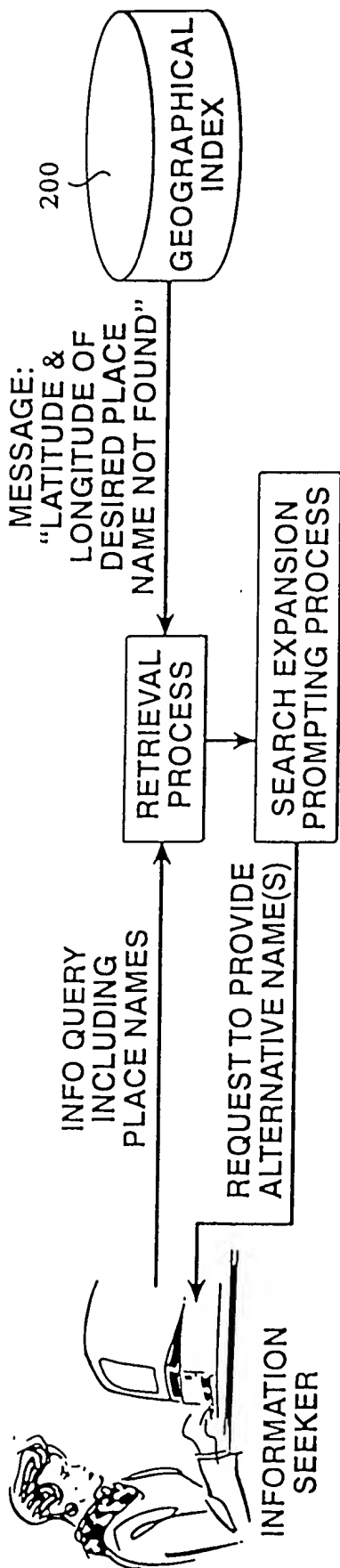
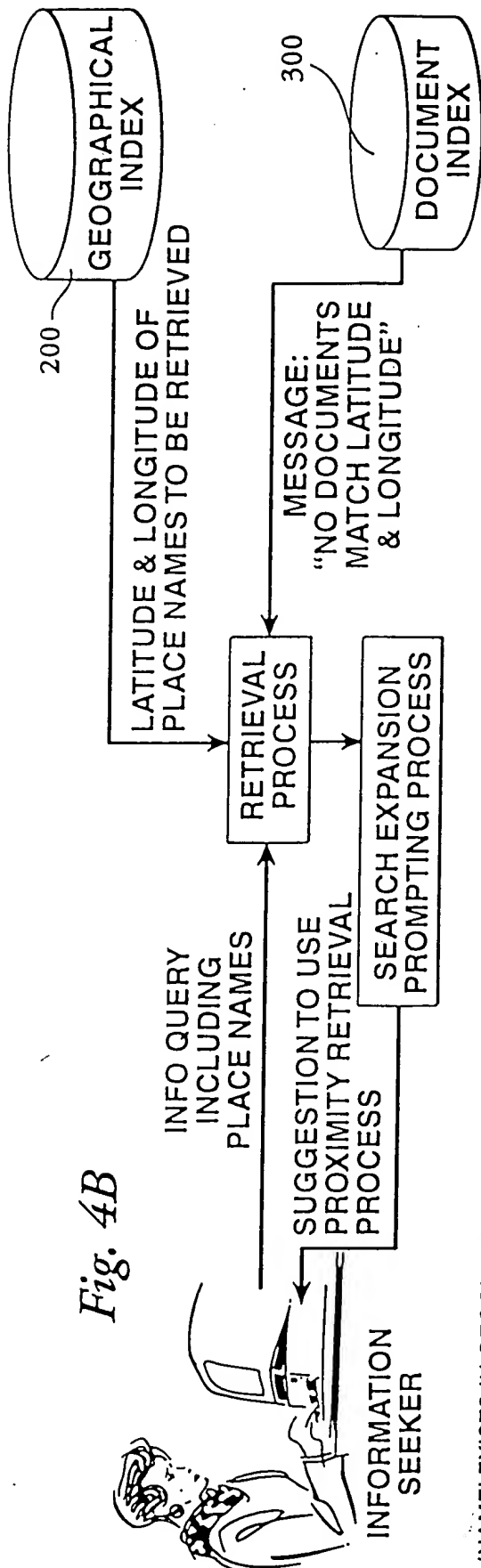


Fig. 3



* NAME NOT FOUND IN GEOGRAPHICAL (LONGITUDE/LATITUDE) INDEX. RETURN TO USER AND REQUEST EXPANSION OF SEARCH PARAMETERS.

Fig. 4A



* 'NAME' EXISTS IN GEOGRAPHICAL (LONGITUDE/LATITUDE) INDEX. HOWEVER DOCUMENTS FOR THIS NAME (LOCATION) DO NOT EXIST. RETURN TO USER PARTY (USER) AND REQUEST EXPANSION OF SEARCH PARAMETERS.

Fig. 4B

COMPONENT 1: UPDATE INDEXES FOR
DOCUMENTS TO BE ACCESSED.

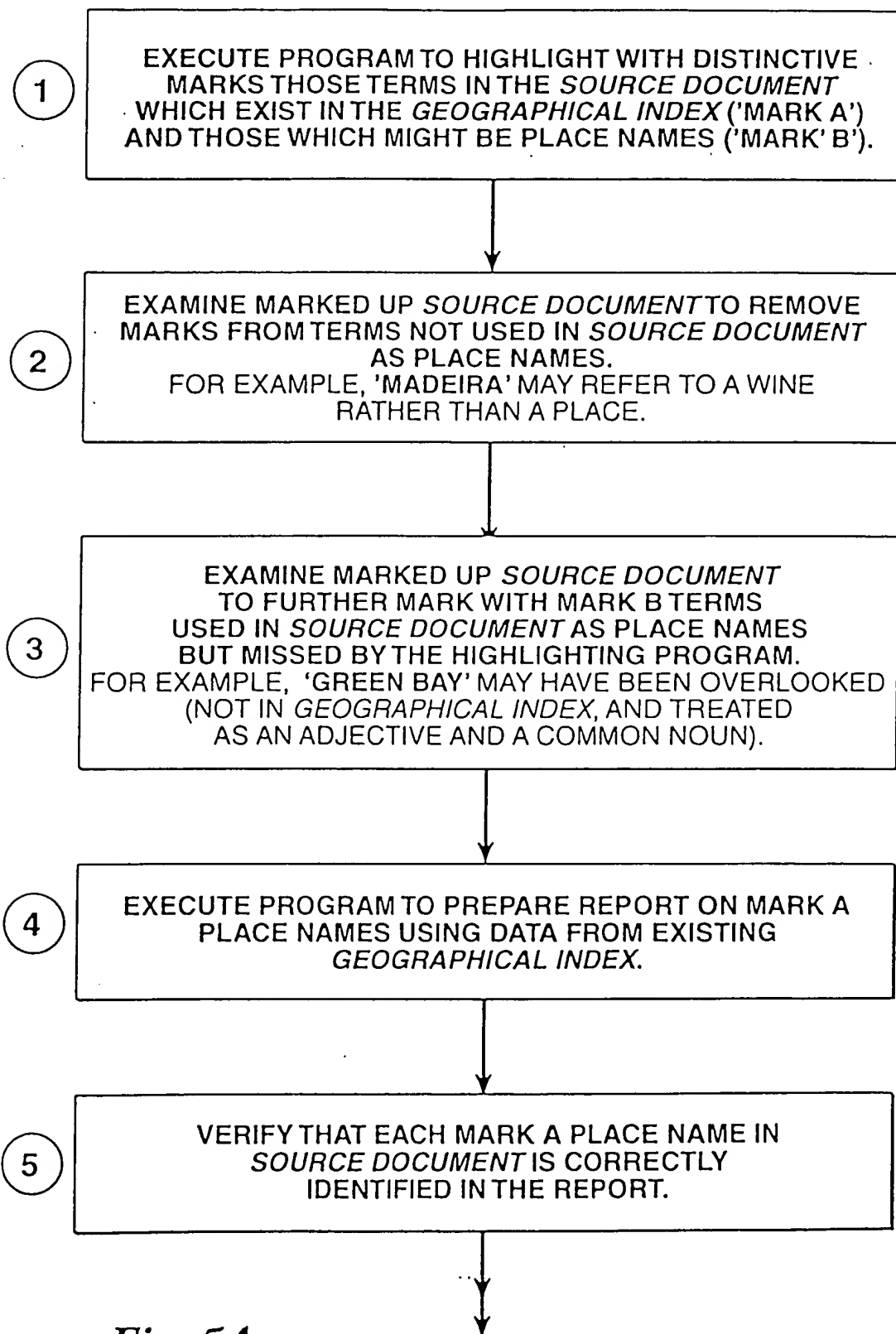


Fig. 5A

000007 2086960

SECRET

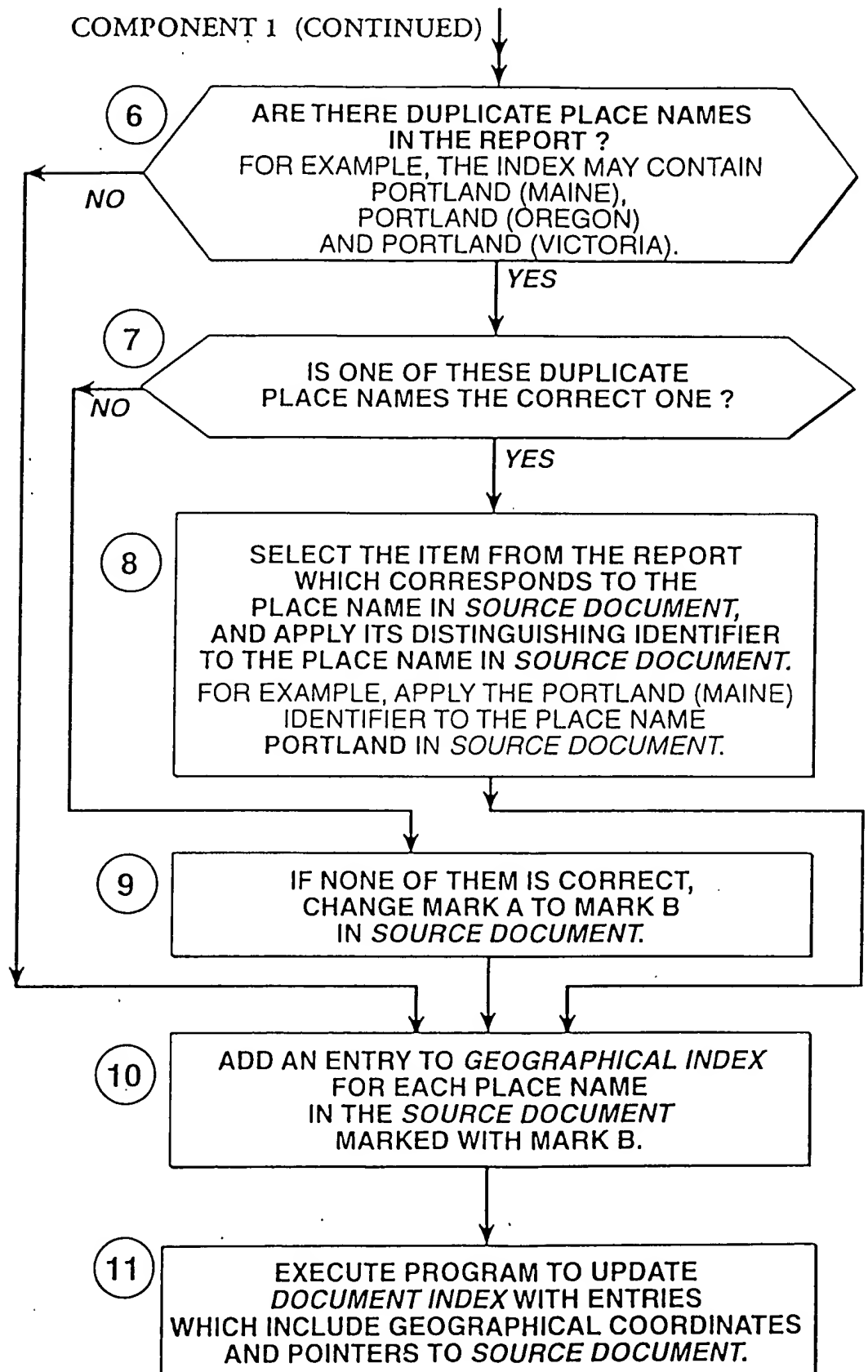


Fig. 5B

COMPONENT 2: RETRIEVE DOCUMENTS
CONTAINING DESIRED PLACE NAME.

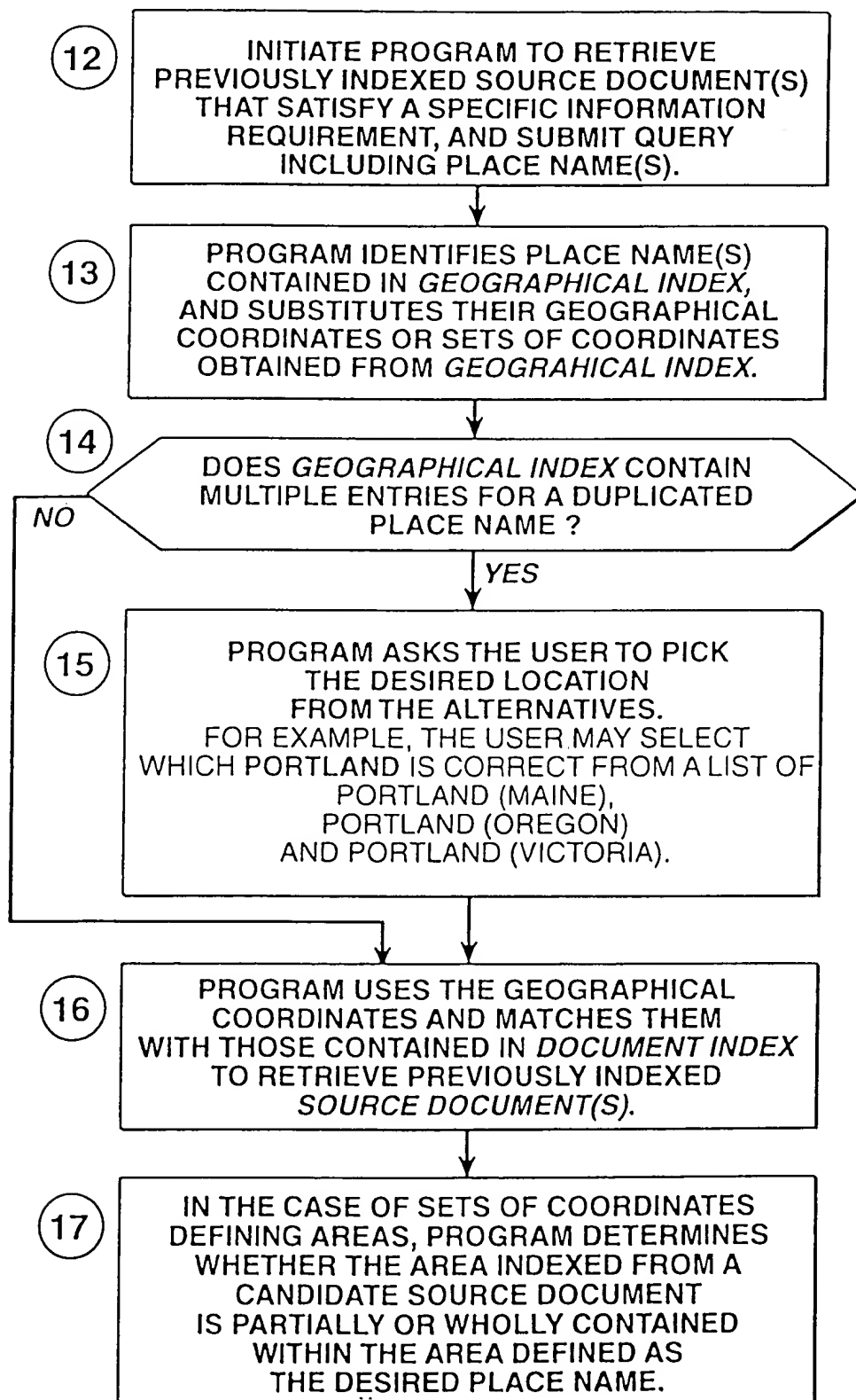
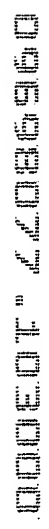


Fig. 6

00000000000000000000000000000000

00000000000000000000000000000000



00000000000000000000000000000000

COMPONENT 4: EXPAND SEARCH AREA FOR
POORLY SATISFIED QUERIES.

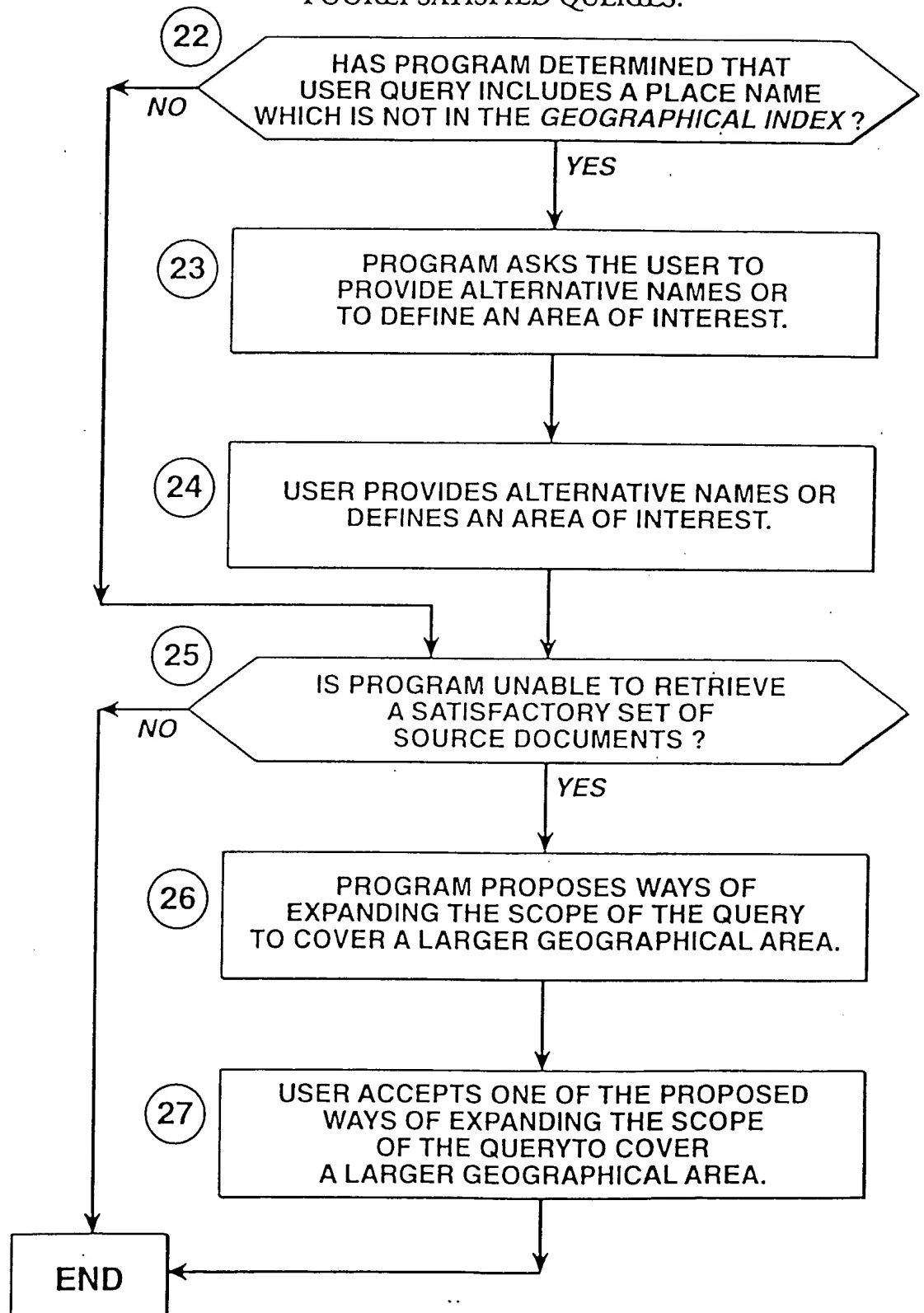


Fig. 8

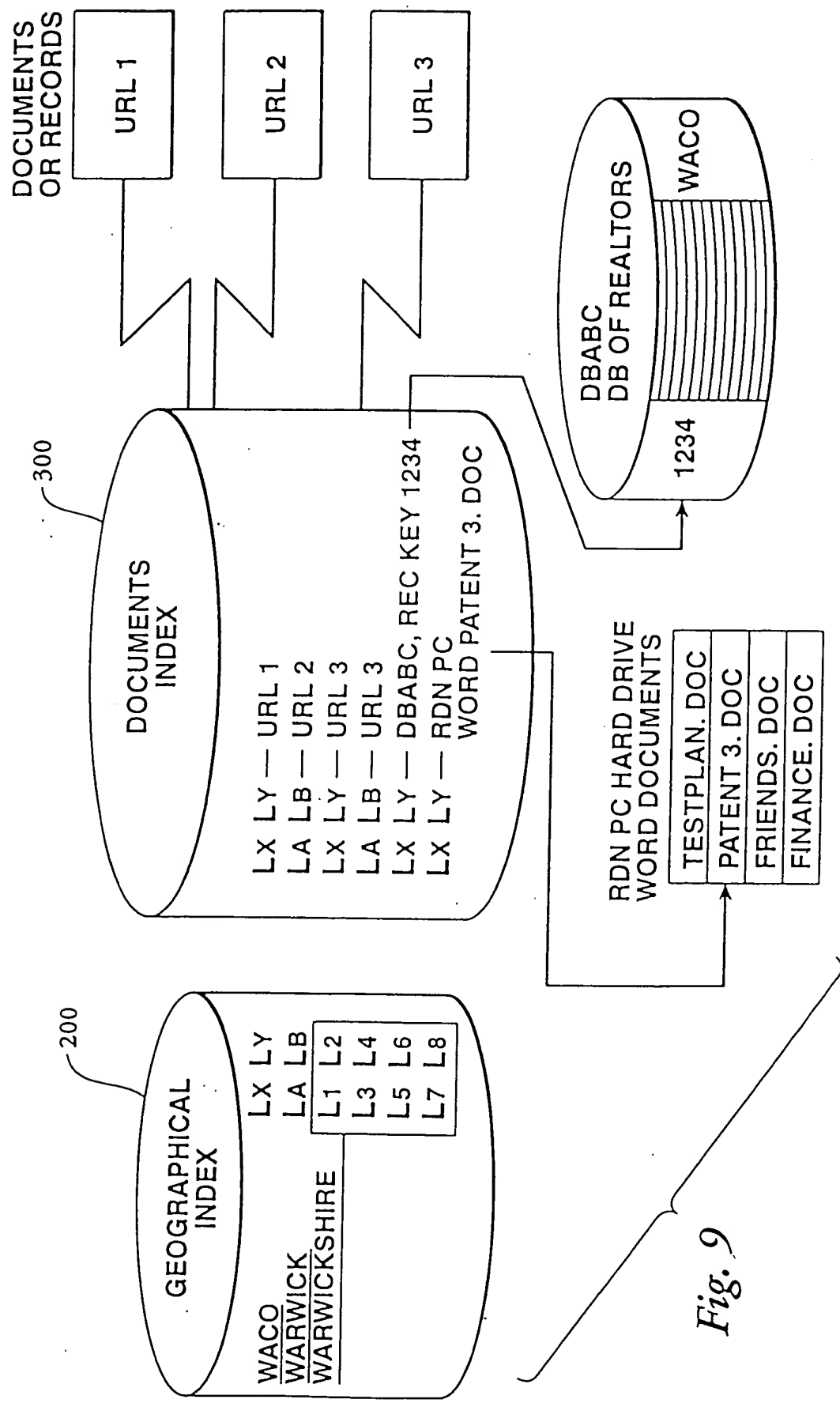


Fig. 9